

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency, Ballastar step-dimming electronic ballast
 Primary application: (2) F32T8
 Secondary applications: (1) F32T8, (2/1) F25T8, (2/1) F17T8; (2)T8/U 32/31/24/16W

- Line Voltage: 108vac - 305vac, 50/60Hz
- Series Lamp Operation
- 60 Hz data
- Programmed Rapid Start
- Active Power Factor Correction

Lamp		Volts	Power Level	Input Watts	Nominal Line Amps	Ballast Factor	Ballast Efficacy Factor	Power Factor	Harmonic Total	Crest Factor
Type	#									
F32T8	2	120	100%	65	0.56	1.04	1.60	> 99	< 10%	< 1.7
F32T8	2	120	50%	30	0.26	0.30	1.00	> 95	< 10%	< 1.7
F32T8	2	277	100%	65	0.25	1.04	1.60	> 95	< 10%	< 1.7
F32T8	2	277	50%	30	0.28	0.30	1.00	> 95	< 10%	< 1.7
F32T8	1	120	100%	34	0.22	1.04	3.06	> 99	< 10%	< 1.7
F32T8	1	120	50%	15	0.13	0.32	2.13	> 99	< 15%	< 1.7
F32T8	1	277	100%	34	0.13	1.04	3.06	> 90	< 10%	< 1.7
F32T8	1	277	50%	15	0.06	0.32	2.13	> 85	< 15%	< 1.7
F25T8	2	120	100%	50	0.41	1.04	2.08	> 99	< 10%	< 1.7
F25T8	2	120	50%	23	0.20	0.30	1.30	> 99	< 10%	< 1.7
F25T8	2	277	100%	49	0.19	1.04	2.14	> 90	< 10%	< 1.7
F25T8	2	277	50%	23	0.09	0.30	1.30	> 90	< 10%	< 1.7
F25T8	1	120	100%	26	0.22	1.04	4.00	> 99	< 10%	< 1.7
F25T8	1	120	50%	13	0.11	0.32	2.46	> 95	< 15%	< 1.7
F25T8	1	277	100%	26	0.11	1.04	4.00	> 80	< 10%	< 1.7
F25T8	1	277	50%	13	0.06	0.32	2.46	> 80	< 15%	< 1.7
F17T8	2	120	100%	34	0.28	1.04	3.10	> 99	< 10%	< 1.7
F17T8	2	120	50%	17	0.15	0.32	1.88	> 95	< 10%	< 1.7
F17T8	2	277	100%	34	0.14	1.04	3.10	> 90	< 10%	< 1.7
F17T8	2	277	50%	17	0.08	0.32	1.88	> 85	< 15%	< 1.7
F17T8	1	120	100%	18	0.15	1.06	5.89	> 95	< 10%	< 1.7
F17T8	1	120	50%	10	0.09	0.34	3.40	> 95	< 15%	< 1.7
F17T8	1	277	100%	18	0.09	1.06	5.89	> 75	< 15%	< 1.7
F17T8	1	277	50%	10	0.05	0.34	3.40	> 75	< 15%	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

Performance:

- Meets ANSI Standard C82.11
- Meets ANSI Standard C62.41
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits
- End of lamp life protection w/ auto-restart
- Dimming range: Step dimming to 50% input power

Safety:

- Contains no PCB's
- cULus (Class P, Type 1 Outdoor, Type HL)
- Type CC

Application:

- Minimum Starting Temperature: 32° F, 0° C
Note: Check lamp requirements for dimming below 50°F
- Maximum Ambient Temperature: 104° F, 40° C
- Maximum Case Temperature [at t_{cj}]: 167° F, 75° C
- Sound Rated: A
- Remote Mounting: 8 ft. max. lead length, 18 AWG
- Tandem Wiring: Not Recommended
- Season new lamps by operating at full intensity for at least 100 hours before dimming

Physical Parameters

- Length: 9.50"
- Mounting: 8.89"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.70 lbs
- Lead Length:
 - Blk, Wht, Blk/Wht 25" (+/-1")
 - Red, Blue 33" (+/-1")
 - Yellow 47" (+/-1")

Warranty:

Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal conditions of use. Call 1-800-BALLASTx800 for technical assistance.

Manufactured in North America

